

Standard Jacks



NATIONAL-STANDARD COMPANY
NILES, MICHIGAN
Successors To

COOK'S STANDARD TOOL CO.
SUCCESSORS TO MERRILL-STEVENS MFG. CO.
KALAMAZOO, MICHIGAN

STANDARD JACKS



MADE BY
COOK'S STANDARD TOOL CO.
SUCCESSORS TO MERRILL-STEVEN'S MFG. CO.
KALAMAZOO, MICHIGAN

ORGANIZED 1890

INCORPORATED 1894

JUNE 1, 1909

STANDARD JACKS ARE BUILT ON HONOR

Only the best materials money can buy are used in Standard Jacks. Never has the cost been cheapened by a reduction in the quality of the material or workmanship—and it never will be.

Positive action, ease of operation, strength, durability—these are features of the Standard Jack.

The base of the frame is of malleable iron.

The lifting jack is forged steel of suitable carbon and the teeth are machine cut.

The fulcrum pin is high carbon steel machined to gage.

The pawls are of steel drop-forged and machined to gage.

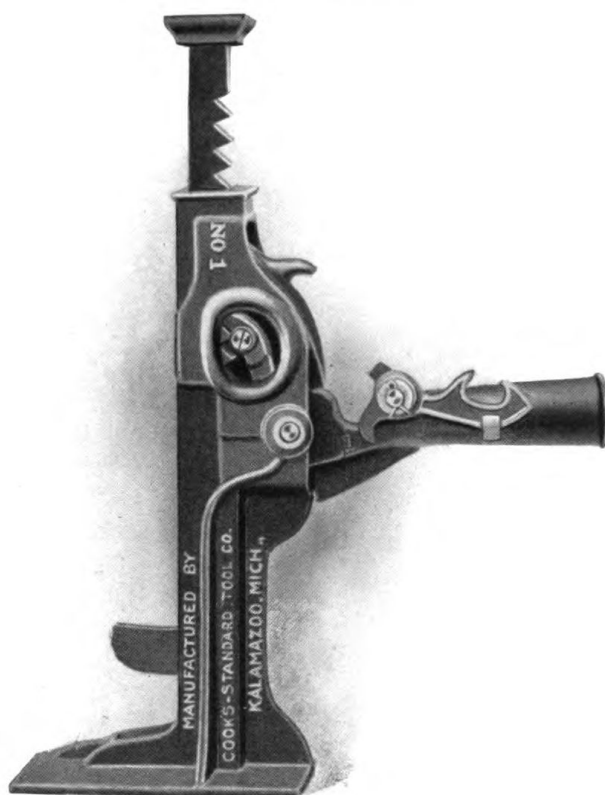
The handles are made of selected hickory.

All parts are interchangeable, standardized, and new ones may be secured promptly and at small expense.

By a scientific arrangement of ribs the greatest possible strength is secured with the least possible weight.

The utmost care should be exercised in purchasing a jack. A poor jack will break only when it is loaded, bringing injury to property and person with possible loss of life. The Standard Jacks are absolutely safe. These are facts well known. Standard Jacks are renowned for the quality that is in them. Our reputation as the Manufacturers of Standard Jacks is well established and covers a period of many years.

STANDARD No. 1 Trip Jack



DOUBLE-ACTING TRIP OR TRACK

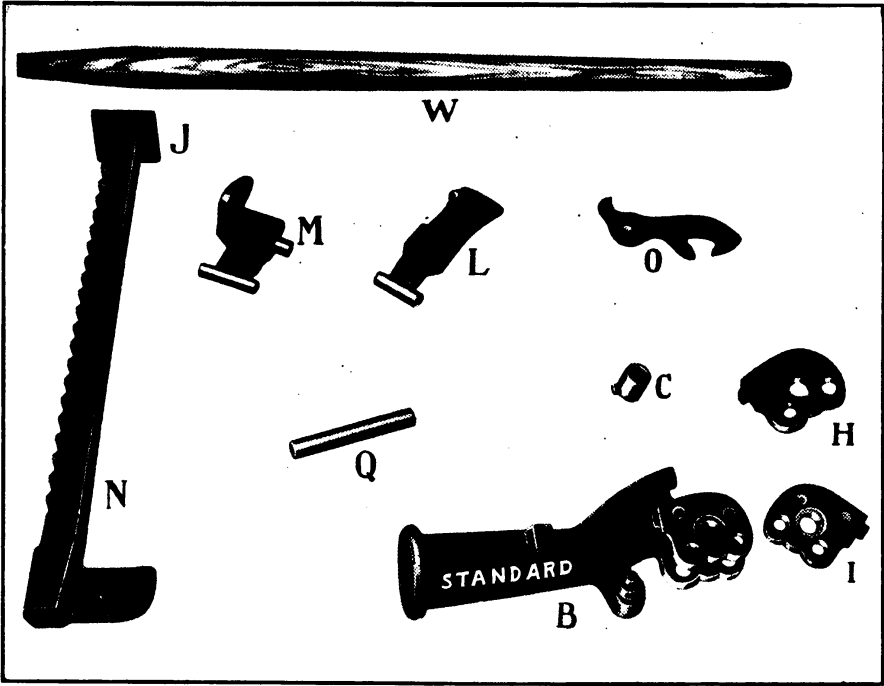
This is the most popular Track Jack; it is the recognized standard for general track work. It has a 10-ton lifting capacity, with easy action, safe and responsive. Drops the load at will of the operator at any point within the range of the lifting rack.

This Jack has a compound double acting lever, operating one-half notch on either upward or downward stroke.

Our Jacks Nos. 6 and 12 are of the same type as the No. 1—the No. 6 being larger and the No. 12 being smaller.

Our No. 17 Jack is of the same size and capacity as the No. 1, but it is single acting, lifting only on the down stroke.

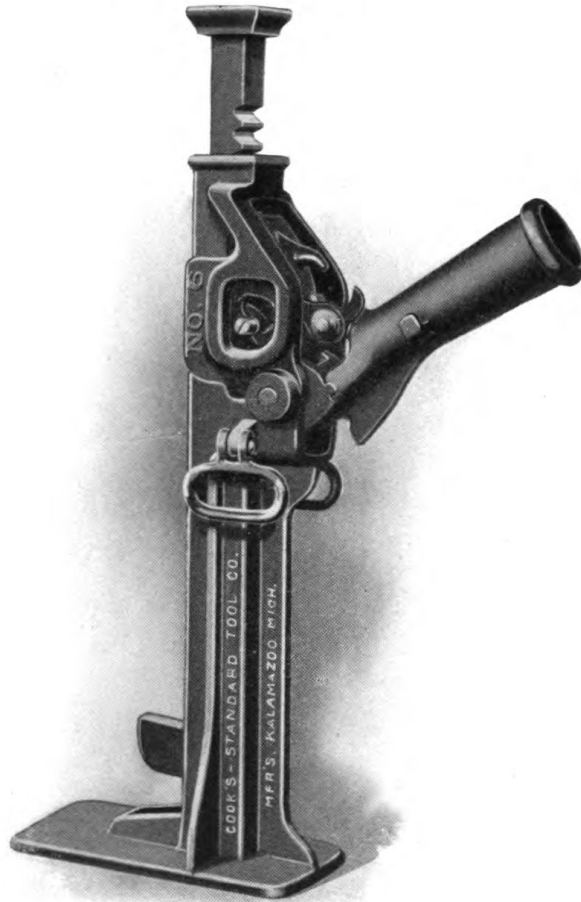
Height. Rack Bar Down. Inches	Height. Rack Bar Raised. Inches	Size of Rack Bar. Inches	Raise of Rack Bar. Inches	Weight. Pounds	Capacity in Tons	Code Word	List Price	Discount
24	37½	1½ x 1½	13½	60	10	MORA	\$18.00	



PARTS FOR No. 1 TRIP JACK

A	Base with Bushings	\$7.50
B	Socket Lever with Side Plates	3.00
C	Bushings (2) each . . . . .	.20
H	Right Hand Side Plate . . . . .	.30
I	Left Hand Side Plate . . . . .	.30
J	Top of Rack . . . . .	.30
L	Long Pawl	1.50
M	Short Pawl	1.50
N	Steel Rack	4.50
O	Trip . . . . .	.50
Q	Fulcrum Pin . . . . .	.30
R	Side Plate Rivet (2) each . . . . .	.05
W	Wood Handle . . . . .	.30
MS	Short Pawl Screw . . . . .	.10

STANDARD No. 6 Trip Jack



DOUBLE-ACTING TRIP OR TRACK

A double-acting Trip or Track Jack of great power; 15-ton capacity. Raises the load one-half notch on each downward or upward stroke by means of a compound double-acting lever.

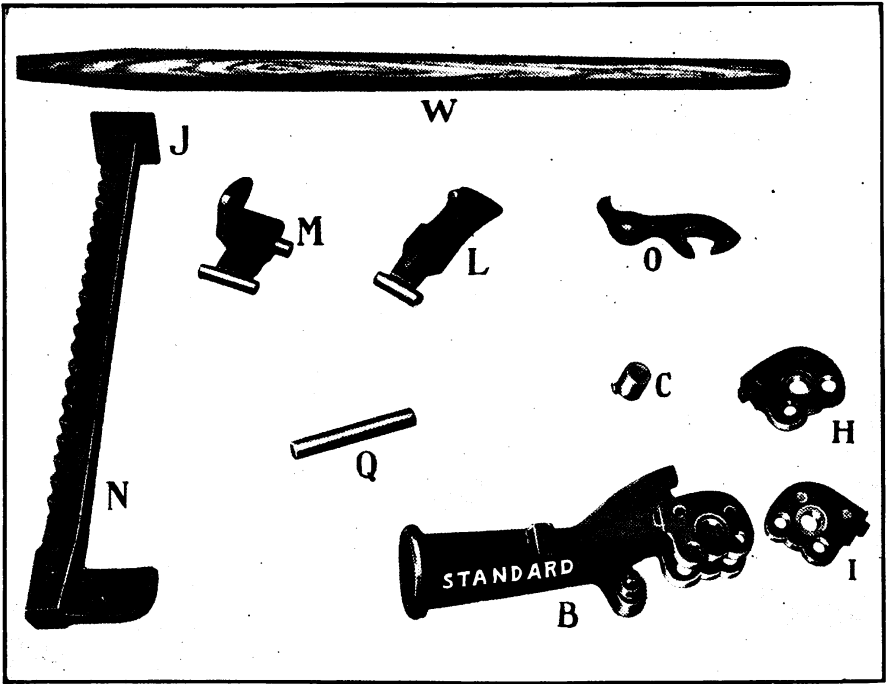
The load is dropped at any point within range of the lifting rack by means of the "trip."

The No. 1 and No. 12 Jacks are of similar design and action, but are smaller.

The No. 20 Jack is of the same size and capacity, but lifts only on the down stroke, the upward stroke being free.

This Jack is suitable for track work only.

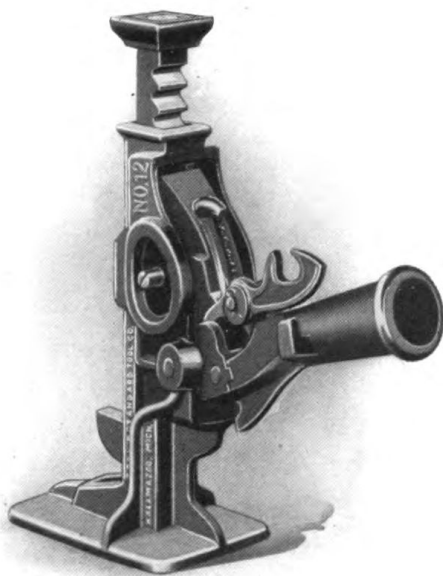
Height. Rack Bar Down. Inches	Height. Rack Bar Raised. Inches	Size of Rack Bar. Inches	Raise of Rack Bar. Inches	Weight. Pounds	Capacity in Tons	Code Word	List Price	Discount
31	50	1 $\frac{7}{8}$ x 1 $\frac{5}{8}$	19	102	15	MONAD	\$32.00	



PARTS FOR No. 6 TRIP JACK

A	Base with Bushings and Handle	\$16.00
B	Socket Lever with Side Plates	3.75
C	Bushing . . . . .	.20
H	Right Hand Side Plate . . . . .	.30
I	Left Hand Side Plate . . . . .	.30
J	Top of Rack . . . . .	.60
K	Carrying Handle (2) each . . . . .	.20
L	Long Pawl	2.00
M	Short Pawl	2.00
N	Steel Rack	9.00
O	Trip . . . . .	.50
Q	Fulcrum Pin . . . . .	.40
R	Side Plate Rivet (2) each . . . . .	.05
MS	Short Pawl Screw . . . . .	.10
W	Wood Handle . . . . .	.40
	Discount	

STANDARD No. 12 Trip Jack



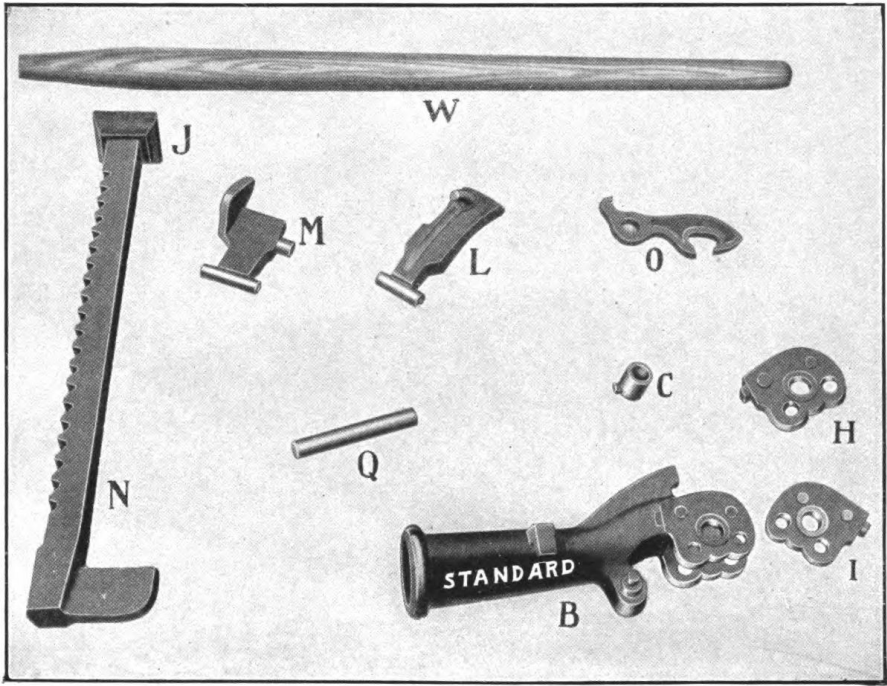
DOUBLE-ACTING TRIP OR TRACK

This is a double-acting Jack of the same capacity as our No. 1 Jack, differing in height only. It is very staunch and convenient and is adapted to those needing a smaller Jack.

The Nos. 1 and 6 are of the same type, but are larger and heavier.

This Jack is suitable for track work only.

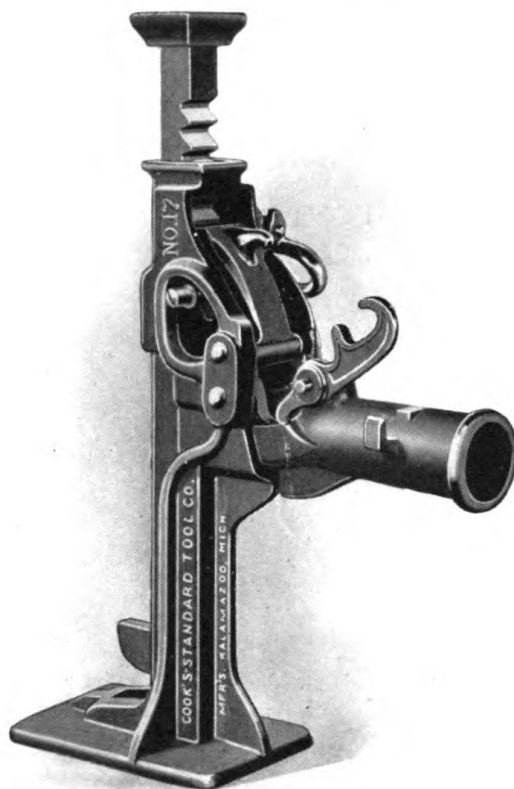
Height. Rack Bar Down. Inches	Height. Rack Bar Raised. Inches	Size of Rack Bar. Inches	Raise of Rack Bar. Inches	Weight. Pounds	Capacity in Tons	Code Word	List Price	Discount
17 ³ / ₄	25 ³ / ₄	1 ¹ / ₂ x 1 ¹ / ₂	8	50	10	MINX	\$17 00	



PARTS FOR No. 12 TRIP JACK

A	Base with Bushings	\$6.75
B	Socket Lever with Side Plates	3.00
C	Bushing (2) each . . . . .	.20
H	Right Hand Side Plate . . . . .	.30
I	Left Hand Side Plate . . . . .	.30
J	Top of Rack . . . . .	.30
L	Long Pawl	1.50
M	Short Pawl	1.50
N	Steel Rack	4.00
O	Trip . . . . .	.50
Q	Fulcrum Pin . . . . .	.30
R	Side Plate Rivet (2) each . . . . .	.05
MS	Short Pawl Screw . . . . .	.10
W	Wood Handle . . . . .	.30
	Discount	

STANDARD No. 17 Trip Jack



SINGLE-ACTING TRIP OR TRACK

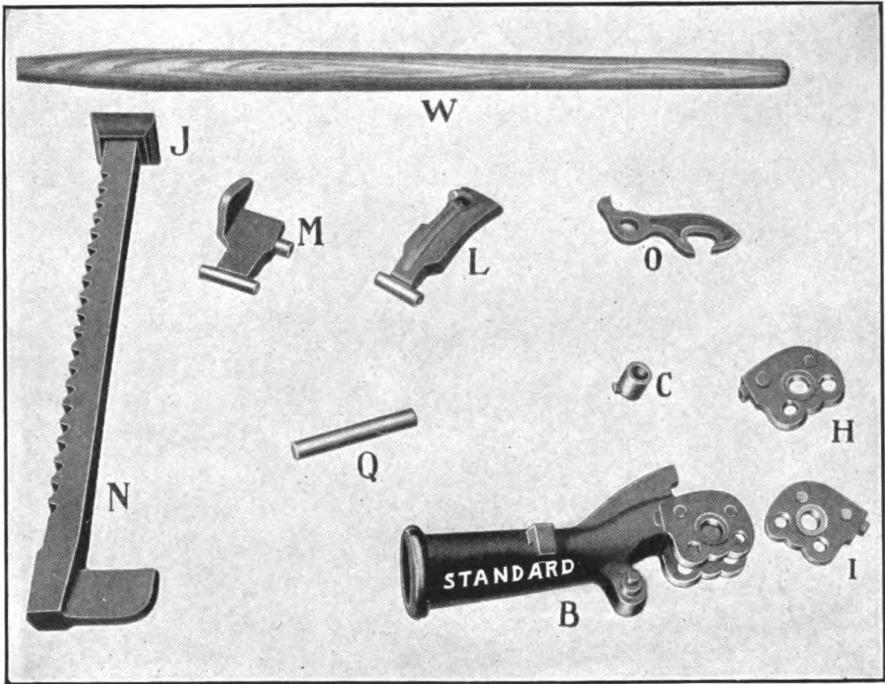
A serviceable, single-acting Track Jack of 10-ton capacity. General dimensions are the same as our No. 1, but differs in raising the load on downward stroke only, one full notch.

Drops the load at any point within range of lifting rack. Its action is responsive and safe.

This Jack is suitable for track work only.

Our No. 20 Jack is of the same type and action, but is larger and heavier.

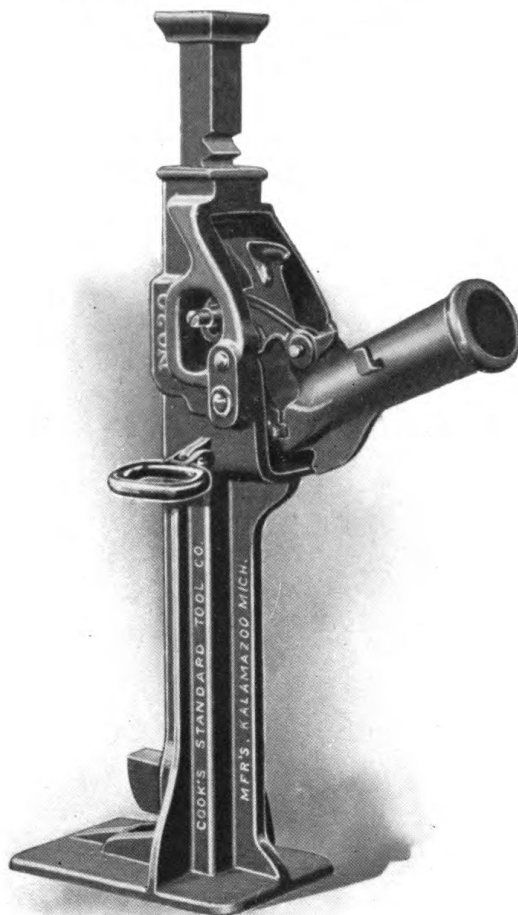
Height, Rack Bar Down. Inches	Height, Rack Bar Raised. Inches	Size of Rack Bar. Inches	Raise of Rack Bar. Inches	Weight. Pounds	Capacity in Tons	Code Word	List Price	Discount
24	37 $\frac{3}{4}$	1 $\frac{1}{2}$ x 1 $\frac{1}{2}$	13 $\frac{3}{4}$	60	10	NEBULA	\$18.00	



PARTS FOR No. 17 TRIP JACK

A	Base with Bushings and Handle	\$7.50
B	Socket Lever with Side Plates	3.00
C	Bushing (2) each . . . . .	.20
H	Right Hand Side Plate . . . . .	.30
I	Left Hand Side Plate . . . . .	.30
J	Top of Rack . . . . .	.30
K	Carrying Handle . . . . .	.20
L	Long Pawl	1.50
M	Short Pawl	1.50
N	Steel Rack	4.50
O	Trip . . . . .	.45
Q	Fulcrum Pin . . . . .	.30
R	Side Plate Rivet (2) each . . . . .	.05
MS	Short Pawl Screw . . . . .	.10
W	Wood Handle . . . . .	.40

STANDARD No. 20 Trip Jack



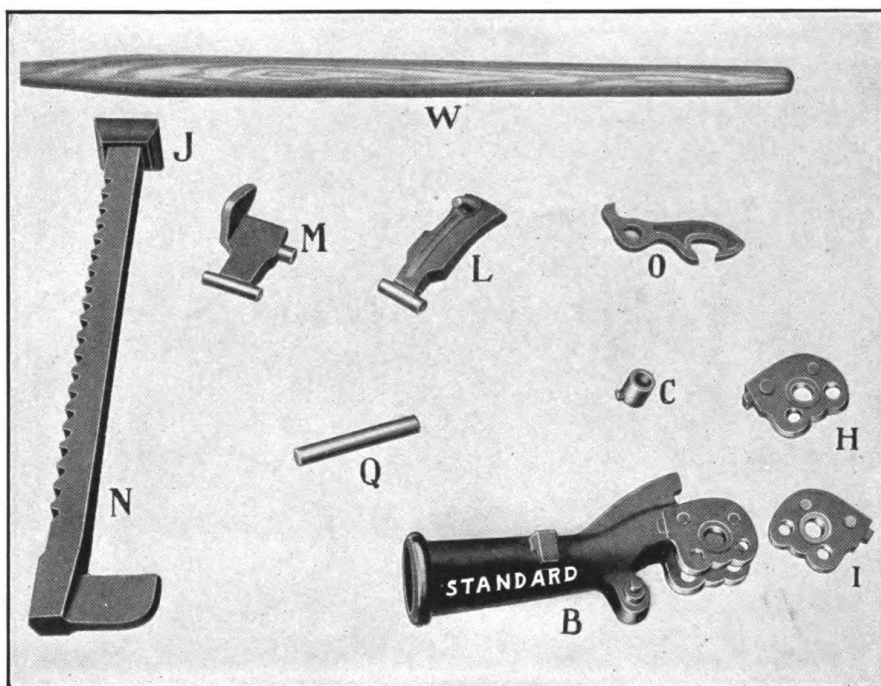
SINGLE-ACTING TRIP OR TRACK

This staunch and reliable Trip or Track Jack has a lifting capacity of 15 tons. It is adapted to the use of ballast gangs. It is single acting the same as our No. 17, raising the load on the downward stroke of the lever only, one full notch. Drops the load as desired at any point within the range of the lifting rack.

This Jack is suitable for track work only.

Our No. 6 Jack is of the same size and capacity, but differs in that it is double acting, lifting on both strokes.

Height, Rack Bar Down, Inches	Height, Rack Bar Raised, Inches	Size of Rack Bar, Inches	Raise of Rack Bar, Inches	Weight, Pounds	Capacity in Tons	Code Word	List Price	Discount
31	50	1 5/8 x 1 7/8	19	105	15	NORM	\$32.00	

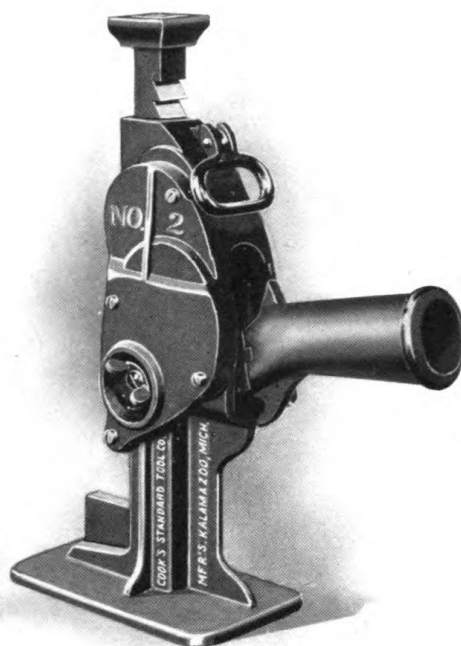


PARTS FOR No. 20 TRIP JACK

A	Base with Bushings and Handle	\$7.50
B	Socket Lever with Side Plates	3.50
C	Bushing (2) each . . . . .	.20
H	Right Hand Side Plate . . . . .	.30
I	Left Hand Side Plate . . . . .	.30
J	Top of Rack . . . . .	.60
K	Carrying Handle (2) each . . . . .	.20
L	Long Pawl	2.00
M	Short Pawl	2.00
N	Steel Rack	9.00
O	Trip . . . . .	.45
Q	Fulcrum Pin . . . . .	.40
R	Side Plate Rivet (2) each . . . . .	.05
MS	Short Pawl Screw . . . . .	.10
W	Wood Handle . . . . .	.40

STANDARD

No. 2 Automatic Lowering Jack



DOUBLE-ACTING AUTOMATIC LOWERING

This is a reliable and convenient Jack of 10 tons capacity, designed for general lifting purposes, especially adapted for bridge and viaduct work.

For electric car lines it is indispensable in case of derailment, accident or other emergencies, as cars can be quickly raised and gradually lowered with safety, at the will of the operator by means of double acting compound lever. The direction of the lifting rack is controlled by the eccentric or thumb device, raising or lowering one-half notch at each stroke on both upward and downward movement of the lever. The reciprocal interlocking action of the pawls on the rack bar prevents accidental dropping of the load; one or the other of these pawls is at all times interlocked.

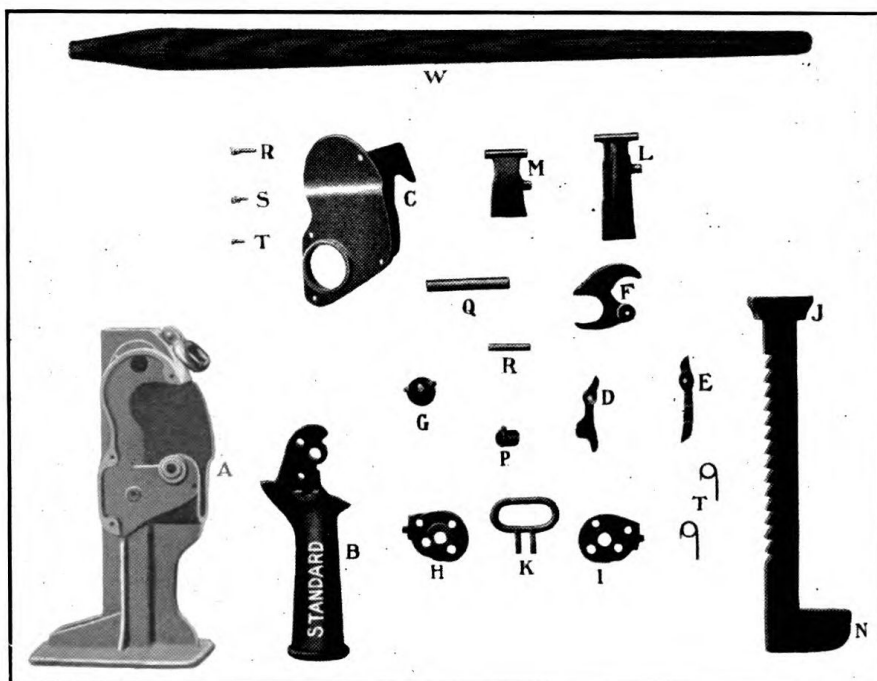
This is an all-round serviceable Jack and operates at any angle.

Our No. 4 Jack is about the same size as the No. 2, but has a larger rackbar and greater capacity. Nos. 3 and 5 are of the same type and action, but much heavier. No. 50 is also of the same type, but has a capacity of only 5 tons.

Height. Rack Bar Down. Inches	Height. Rack Bar Raised. Inches	Size of Rack Bar. Inches	Raise of Rack Bar. Inches	Weight. Pounds	Capacity in Tons	Code Word	List Price	Discount
20½	30½	1⅝ x 1½	10	65	10	AUTO	\$25.00	

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PARTS FOR No. 4 AUTOMATIC LOWERING JACK

A	Base with Bushings and Handle	\$13.50
B	Socket Lever with Side Plates	4.50
C	Shield	1.00
D	Short Pawl Spring Lever . . . . .	.30
E	Long Pawl Spring Lever . . . . .	.30
F	Lowering Block . . . . .	.90
G	Eccentric . . . . .	.20
H	Right Hand Side Plate . . . . .	.30
I	Left Hand Side Plate . . . . .	.30
J	Top of Rack . . . . .	.70
K	Carrying Handle . . . . .	.20
L	Long Pawl	2.00
M	Short Pawl	1.80
N	Steel Rack	9.00
P	Bushing (2) each . . . . .	.20
Q	Fulcrum Pin . . . . .	.35
R	Side Plate Rivets (2) each . . . . .	.05
T	Spring (2) each . . . . .	.10
W	Wood Handle . . . . .	.50
SS	Shoulder Screw (4) each10
SCS	Short Shield Screw (3) each08
LCS	Long Shield Screw10
	Discount	

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STANDARD No. 8 Automatic Lowering Jack



DOUBLE-ACTING AUTOMATIC LOWERING

This Jack is of the same mechanism and operated the same as our No. 2. Although small in size and light in weight, this Jack is substantial, powerful and has positive action.

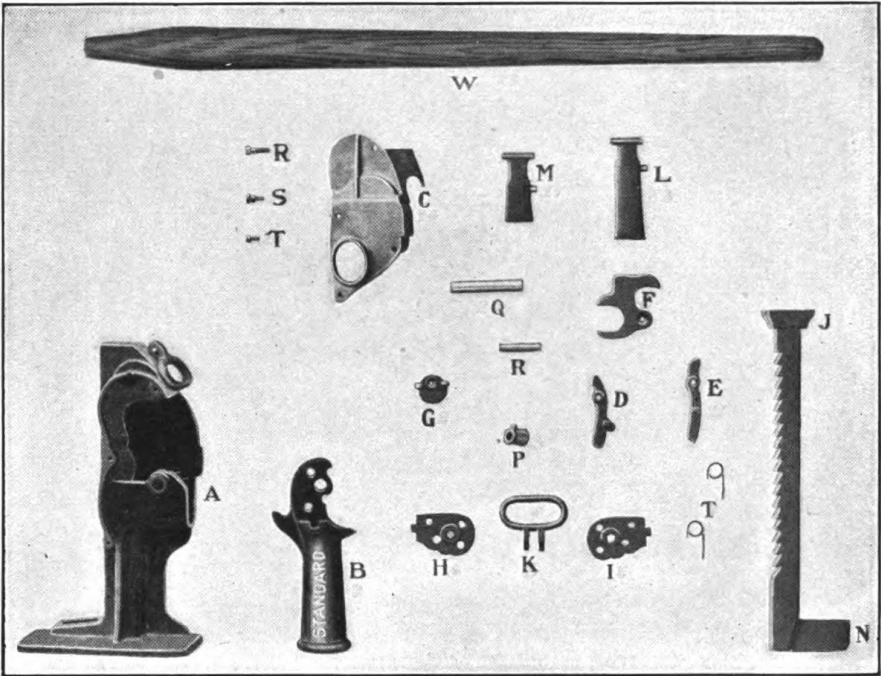
The load is carried either up or down one-half notch each stroke of the lever upward or downward. The direction is governed by the eccentric and will operate at any angle.

It is particularly useful to electric lines in raising street cars and trucks and for many other purposes. We furnish special length of rack bars if so desired.

Height. Rack Bar Down. Inches	Height. Rack Bar Raised. Inches	Size of Rack Bar. Inches	Raise of Rack Bar. Inches	Weight. Pounds	Capacity in Tons	Code Word	List Price	Discount
11	16	1 $\frac{5}{8}$ x 1 $\frac{1}{2}$	5	50	10	GAME	\$22.00	

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PARTS FOR No. 50 AUTOMATIC LOWERING JACK

A	Base with Bushings and Handle	\$6.00
B	Socket Lever with Side Plates	2.25
C	Shield . . . . .	.60
D	Short Pawl Spring Lever . . . . .	.20
E	Long Pawl Spring Lever . . . . .	.20
F	Lowering Block . . . . .	.60
G	Eccentric . . . . .	.20
H	Right Hand Side Plate . . . . .	.20
I	Left Hand Side Plate . . . . .	.20
J	Top of Rack . . . . .	.20
L	Long Pawl	1.00
M	Short Pawl	1.00
N	Steel Rack	3.00
P	Bushing (2) each . . . . .	.15
Q	Fulcrum Pin . . . . .	.20
R	Side Plate Rivets (2) each . . . . .	.05
T	Spring (2) each . . . . .	.10
W	Wood Handle . . . . .	.25
SS	Shoulder Screw (4) each10
SCS	Short Shield Screw (3) each08
LCS	Long Shield Screw10
	Discount	

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